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| - | 356 | (model$4 or simulat$4 or emulat$4) same (FET or (field adj effect adj transistor?)) same (source and gate and drain) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:49 |
| - | 5005 | ((model$4 or simulat$4 or emulat$4) and (FET or (field adj effect adj transistor?)) and (source and gate and drain)) and state | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:49 |
| - | 277 | ((model$4 or simulat$4 or emulat$4) and (FET or (field adj effect adj transistor?)) and (source and gate and drain)) and (state adj machine) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:49 |
| - | 236 | ((model$4 or simulat$4 or emulat$4) same (FET or (field adj effect adj transistor?)) same (source and gate and drain)) and state | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:50 |
| - | 4873 | (((model$4 or simulat$4 or emulat$4) and (FET or (field adj effect adj transistor?)) and (source and gate and drain)) and state) and (body voltage) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:50 |
| - | 52 | (((model$4 or simulat$4 or emulat$4) and (FET or (field adj effect adj transistor?)) and (source and gate and drain)) and state) and (body adj voltage) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:51 |
| - | 8 | ((((model$4 or simulat$4 or emulat$4) and (FET or (field adj effect adj transistor?)) and (source and gate and drain)) and state) and (body adj voltage)) and (partial$2 adj deplet$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 13:52 |
| - | 9 | ((((model$4 or simulat$4 or emulat$4) and (FET or (field adj effect adj transistor?)) and (source and gate and drain)) and state) and (body adj voltage)) and (partially same depleted) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 14:05 |
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| - | 2 | 6023577.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 14:13 |
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| - | 41 | (soi or (silicon near3 insulator?)) and (fet or (field near3 effect?)) and state? and (body near2 voltage?) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:21 |
| - | 60 | (soi or (silicon near3 insulator?)) and (fet or (field near3 effect?)) and state$1 and (body near2 voltage?) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:21 |
| - | 275 | (soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:21 |
| - | 257 | (soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) and (source$1 and gate$1 and drain$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:22 |
| - | 116 | ((soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) and (source$1 and gate$1 and drain$1)) and (model$4 or simulat$4 or emulat$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:42 |
| - | 114 | (((soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) and (source$1 and gate$1 and drain$1)) and (model$4 or simulat$4 or emulat$4)) and tim$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:43 |
| - | 49 | (((soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) and (source$1 and gate$1 and drain$1)) and (model$4 or simulat$4 or emulat$4)) and timing | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:42 |
| - | 34 | (((soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) and (source$1 and gate$1 and drain$1)) and (model$4 or simulat$4 or emulat$4)) and transition$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:43 |

| - | | 4 | (((soi or (silicon near3 insulator$1)) and (fet or (field near3 effect$1)) and state$1 and (body near2 voltage$1) and (source$1 and gate$1 and drain$1)) and (model$4 or simulat$4 or emulat$4)) and (state adj transition$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/25 15:43 |
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1 **Body-voltage estimation in digital PD-SOI circuits and its application to static timing analysis**
*Shepard, K.L.; Dae-Jin Kim;*
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 20 Issue: 7 , July 2001
Page(s): 888 -901

[Abstract]   [PDF Full-Text (308 KB)] **IEEE JNL**

---

2 **Body-voltage estimation in digital PD-SOI circuits and its application to static timing analysis**
*Shepard, K.L.; Dae-Jin Kim;*
Computer-Aided Design, 1999. Digest of Technical Papers. 1999 IEEE/ACM International Conference on , 7-11 Nov. 1999
Page(s): 531 -538

[Abstract]   [PDF Full-Text (772 KB)] **IEEE CNF**

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**1 Determination of back interface state distribution in fully depleted SOI MOSFETs**
*Mayer, D.C.; Cole, R.C.; Pollack, G.P.;*
Electron Devices Meeting, 1991. Technical Digest., International ,
8-11 Dec. 1991
Page(s): 329 -332

[Abstract]   [PDF Full-Text (276 KB)] **IEEE CNF**

---

**2 Parasitic bipolar transistor induced latch and degradation in SOI MOSFET's**
*Her, T.-D.; Liu, P.S.; Quon, D.S.; Li, G.P.; Kjar, R.; White, J.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 124 -125

[Abstract]   [PDF Full-Text (120 KB)] **IEEE CNF**

---

**3 Device performance analysis using Monte-Carlo simulator for SOI MOS transistors on solid-phase-recrystallized silicon films**
*Kambayashi, S.; Mizushima, I.; Kemmochi, M.; Kawaguchi, H.;*
*Shima, S.; Kuwano, H.; Onga, S.; Matsunaga, J.;*
VLSI Technology, 1990. Digest of Technical Papers.1990 Symposium
on , 4-7 June 1990
Page(s): 109 -110

[Abstract]   [PDF Full-Text (148 KB)] **IEEE CNF**

4 **Thermal time constants in SOI-MOSFETs**
*Berger, M.; Burbach, G.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 24 -25

[Abstract]   [PDF Full-Text (100 KB)] **IEEE CNF**

5 **OFF-State leakage current mechanisms in bulkSi and SOI MOSFETs and their impact on CMOS ULSIs standby current**
*Adan, A.O.; Higashi, K.;*
Electron Devices, IEEE Transactions on , Volume: 48 Issue: 9 , Sept.
2001
Page(s): 2050 -2057

[Abstract]   [PDF Full-Text (220 KB)] **IEEE JNL**

6 **A simple model to predict the holding voltage for SOI MOSFETs operating in the latch state**
*McDaid, L.J.; Hall, S.; Marsland, J.S.; Eccleston, W.; Alderman, J.C.;*
*Cook, K.R.; Bunyan, R.J.; Uren, M.J.;*
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 19 -20

[Abstract]   [PDF Full-Text (108 KB)] **IEEE CNF**

7 **Monte-Carlo modelling of a MISFET/SOI struck by an energetic heavy ion**
*Hesto, P.; Musseau, O.; Dollfus, P.; Mouis, M.; Brisset, C.;*
Radiation and its Effects on Devices and Systems, 1991. RADECS
91., First European Conference on , 9-12 Sept. 1991
Page(s): 205 -208

[Abstract]   [PDF Full-Text (300 KB)] **IEEE CNF**

8 **Conduction mechanisms in thin-film accumulation-mode SOI p-channel MOSFETs**
*Colinge, J.-P.;*
Electron Devices, IEEE Transactions on , Volume: 37 Issue: 3 , March
1990
Page(s): 718 -723

[Abstract]   [PDF Full-Text (404 KB)] **IEEE JNL**

9 **An analytic model for very thin SOI transistors**
*McKitterick, J.B.; Caviglia, A.L.;*
SOS/SOI Technology Workshop, 1988. Proceedings., 1988 IEEE , 3-5
Oct. 1988
Page(s): 41

[Abstract]   [PDF Full-Text (56 KB)] **IEEE CNF**

---

10 **Two-dimensional numerical simulation of short channel SOI transistors**
*Armstrong, G.A.; Thomas, N.J.; Davis, J.R.;*
SOS/SOI Technology Workshop, 1988. Proceedings., 1988 IEEE , 3-5
Oct. 1988
Page(s): 48

[Abstract]   [PDF Full-Text (52 KB)] **IEEE CNF**

---

11 **Surface potential at threshold, transconductance, and carrier generation in thin SOI MOSFETs**
*Ioannou, D.E.; Mazhari, B.; Zhong, X.; Cristoloveanu, S.; Caviglia, A.L.;*
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 95 -96

[Abstract]   [PDF Full-Text (84 KB)] **IEEE CNF**

---

12 **Investigation of series resistances, interface coupling and irradiation effects on the transconductance of fully-depleted SOI-MOSFETs**
*Ouisse, T.; Cristoloveanu, S.; Borel, G.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 50 -51

[Abstract]   [PDF Full-Text (116 KB)] **IEEE CNF**

---

13 **Fabrication & characterization of Schottky junction transistors**
*Wu, Z.; Spann, J.; Jaconelli, P.C.; Jinman Yang; Thornton, T.J.;*
SOI Conference, 2001 IEEE International , 1-4 Oct. 2001
Page(s): 73 -74

[Abstract]   [PDF Full-Text (144 KB)] **IEEE CNF**

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14 **Modeling and design of a low-voltage SOI suspended-gate MOSFET (SG-MOSFET) with a metal-over-gate architecture**
*Ionescu, A.M.; Pott, V.; Fritschi, R.; Banerjee, K.; Declercq, M.J.;*

*Renaud, P.; Hibert, C.; Fluckiger, P.; Racine, G.A.;*
Quality Electronic Design, 2002. Proceedings. International
Symposium on , 18-21 March 2002
Page(s): 496 -501

[Abstract]   [PDF Full-Text (1289 KB)] **IEEE CNF**

---

15 **Lateral insulated gate bipolar transistor (LIGBT) structure based on partial isolation SOI technology**
*Udrea, F.; Milne, W.; Popescu, A.;*
Electronics Letters , Volume: 33 Issue: 10 , 8 May 1997
Page(s): 907 -909

[Abstract]   [PDF Full-Text (476 KB)] **IEE JNL**

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1 **The design of radiation-hardened ICs for space: a compendium of approaches**
*Kerns, S.E.; Shafer, B.D.; Rockett, L.R., Jr.; Pridmore, J.S.; Berndt, D.F.; van Vonno, N.; Barber, F.E.;*
Proceedings of the IEEE , Volume: 76 Issue: 11 , Nov. 1988
Page(s): 1470 -1509

[Abstract] [PDF Full-Text (3652 KB)] **IEEE JNL**

---

2 **SOI transistor measurement techniques using body contacted transistors**
*Worley, E.R.; Williams, R.;*
Nuclear Science, IEEE Transactions on , Volume: 36 Issue: 6 , Dec. 1989
Page(s): 2192 -2198

[Abstract] [PDF Full-Text (468 KB)] **IEEE JNL**

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3 **Ionization radiation induced degradation of MOSFET channel frequency response**
*Sharma, U.; White, M.H.;*
Nuclear Science, IEEE Transactions on , Volume: 36 Issue: 3 , June 1989
Page(s): 1359 -1366

[Abstract] [PDF Full-Text (572 KB)] **IEEE JNL**

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4 **Elimination of kink effect in fully depleted complementary buried-channel SOL MOSFET (FD CBCMOS) based on silicon direct bonding technology**
*Qin-Yi Tong; Xiao-Li Xu; Hui-Zhen Zhang;*
Electron Device Letters, IEEE , Volume: 12 Issue: 3 , March 1991
Page(s): 101 -103

[Abstract]   [PDF Full-Text (236 KB)] **IEEE JNL**

5 **Device modelling and design techniques for analogue SOS circuits**
*Redman-White, W.; Howes, R.; Nichols, K.G.; Murray, S.J.; Lucas, R.; Mole, P.J.;*
Analogue IC Design: Obstacles and Opportunities, IEE Colloquium on , 18 Jun 1990
Page(s): 8/1 -8/5

[Abstract]   [PDF Full-Text (200 KB)] **IEE CNF**

6 **Design and performance of submicron MOSFETs on ultra-thin SOI for room temperature and cryogenic operation**
*Terrill, K.; Woo, J.; Vasudev, P.K.;*
Electron Devices Meeting, 1988. Technical Digest., International , 11-14 Dec. 1988
Page(s): 294 -297

[Abstract]   [PDF Full-Text (244 KB)] **IEEE CNF**

7 **Reduction of threshold voltage at the SOI MOSFET sidewalls due to charge sharing with the front and back interfaces**
*Matloubian, M.; Sundaresan, R.; Lu, H.;*
SOS/SOI Technology Workshop, 1988. Proceedings., 1988 IEEE , 3-5 Oct. 1988
Page(s): 80

[Abstract]   [PDF Full-Text (52 KB)] **IEEE CNF**

8 **Two-dimensional finite element method process modeling of a silicon-on-insulator (SOI) process**
*Tyson, S.M.; Benedetto, J.; Reams, R.; Rod, B.;*
SOS/SOI Technology Workshop, 1988. Proceedings., 1988 IEEE , 3-5 Oct. 1988
Page(s): 53

[Abstract]   [PDF Full-Text (48 KB)] **IEEE CNF**

## 9 International Electron Devices Meeting 1989. Technical Digest (Cat. No.89CH2637-7)

Electron Devices Meeting, 1989. Technical Digest., International , 3-6 Dec. 1989

[Abstract]  [PDF Full-Text (16 KB)] **IEEE CNF**

## 10 A fully depleted lean-channel transistor (DELTA)-a novel vertical ultra thin SOI MOSFET

*Hisamoto, D.; Kaga, T.; Kawamoto, Y.; Takeda, E.;*
Electron Devices Meeting, 1989. Technical Digest., International , 3-6 Dec. 1989
Page(s): 833 -836

[Abstract]  [PDF Full-Text (228 KB)] **IEEE CNF**

## 11 P-poly and n-poly gate ultra-fine film SIMOX transistors

*Thomas, N.J.; Davis, J.R.;*
SOS/SOI Technology Conference, 1989., 1989 IEEE , 3-5 Oct. 1989
Page(s): 130 -131

[Abstract]  [PDF Full-Text (84 KB)] **IEEE CNF**

## 12 Accumulation mode transistors for silicon-on-insulator circuits

*MacElwee, T.W.; Calder, I.D.;*
SOS/SOI Technology Conference, 1989., 1989 IEEE , 3-5 Oct. 1989
Page(s): 171 -172

[Abstract]  [PDF Full-Text (128 KB)] **IEEE CNF**

## 13 A two-dimensional model for the kink in nMOSTs operating at liquid helium temperatures

*Simeon, E.; Deferm, L.; Claeys, C.;*
Low Temperature Semiconductor Electronics, 1989., Proceedings of the Workshop on , 7-8 Aug. 1989
Page(s): 123 -127

[Abstract]  [PDF Full-Text (276 KB)] **IEEE CNF**

## 14 Interface characterization in fully depleted SOI MOSFETs by dynamic transconductance

*Ioannou, D.E.; Zhong, X.; Campisi, G.J.; Hughes, H.L.;*
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 42 -43

[Abstract]   [PDF Full-Text (100 KB)] **IEEE CNF**

---

### 15 Noise overshoot at drain current kink in SOI MOSFET

*Chen, J.; Fang, P.; Ko, P.K.; Hu, C.; Solomon, R.; Chan, T.-Y.; Sodini, C.G.;*
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 40 -41

[Abstract]   [PDF Full-Text (132 KB)] **IEEE CNF**

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1 **Parasitic bipolar transistor induced latch and degradation in SOI MOSFET's**
*Her, T.-D.; Liu, P.S.; Quon, D.S.; Li, G.P.; Kjar, R.; White, J.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3 Oct. 1991
Page(s): 124 -125

[Abstract]   [PDF Full-Text (120 KB)] **IEEE CNF**

---

2 **Monte-Carlo modelling of a MISFET/SOI struck by an energetic heavy ion**
*Hesto, P.; Musseau, O.; Dollfus, P.; Mouis, M.; Brisset, C.;*
Radiation and its Effects on Devices and Systems, 1991. RADECS 91., First European Conference on , 9-12 Sept. 1991
Page(s): 205 -208

[Abstract]   [PDF Full-Text (300 KB)] **IEEE CNF**

---

3 **Negative conductance model for short-channel SOI MOSFET**
*Lai, J.C.; Fabian, T.; Liu, S.T.;*
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 25 -26

[Abstract]   [PDF Full-Text (96 KB)] **IEEE CNF**

---

4 **Radiation effects in fully-depleted CMOS/SOS**
*Rios, R.; Smeltzer, R.K.; Garcia, G.A.;*

SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 44 -45

[Abstract]   [PDF Full-Text (140 KB)] **IEEE CNF**

---

## 5 Si/SiGe CMOS: can it extend the lifetime of Si?
*Ismail, K.;*
Solid-State Circuits Conference, 1997. Digest of Technical Papers.
44th ISSCC., 1997 IEEE International , 6-8 Feb. 1997
Page(s): 116 -117

[Abstract]   [PDF Full-Text (540 KB)] **IEEE CNF**

---

## 6 Conduction mechanisms in thin-film accumulation-mode SOI p-channel MOSFETs
*Colinge, J.-P.;*
Electron Devices, IEEE Transactions on , Volume: 37 Issue: 3 , March
1990
Page(s): 718 -723

[Abstract]   [PDF Full-Text (404 KB)] **IEEE JNL**

---

## 7 Detailed analysis of edge effects in SIMOX-MOS transistors
*Elewa, T.; Kleveland, B.; Cristoloveanu, S.; Boukriss, B.; Chovet, A.;*
Electron Devices, IEEE Transactions on , Volume: 39 Issue: 4 , April
1992
Page(s): 874 -882

[Abstract]   [PDF Full-Text (724 KB)] **IEEE JNL**

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1 **Influence of the gate insulator on gas measurements with suspended gate FETs**
*Topart, F.; Flietner, B.; Josowicz, M.; Leu, M.; Lorenz, H.; Peschke, M.; Riess, H.; Eisele, I.;*
Solid-State Sensors and Actuators, 1991. Digest of Technical Papers, TRANSDUCERS '91., 1991 International Conference on , 24-27 June 1991
Page(s): 991 -993

[Abstract]   [PDF Full-Text (204 KB)] **IEEE CNF**

---

2 **Minority carrier generation in very thin silicon on insulator films**
*McLarty, P.K.; Elewa, T.; Mazhari, B.; Mukherjee, M.; Ouisse, T.; Cristoloveanu, S.; Ioannou, D.E.; Vu, D.P.;*
SOS/SOI Technology Conference, 1989., 1989 IEEE , 3-5 Oct. 1989
Page(s): 54 -55

[Abstract]   [PDF Full-Text (108 KB)] **IEEE CNF**

---

3 **Interface characterization in fully depleted SOI MOSFETs by dynamic transconductance**
*Ioannou, D.E.; Zhong, X.; Campisi, G.J.; Hughes, H.L.;*
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 42 -43

[Abstract]   [PDF Full-Text (100 KB)] **IEEE CNF**

---

### 4 The multistable memory effect in accumulation mode SOI MOSFETs at low temperatures

Gao, M.-H.; Simoen, E.; Claeys, C.; Declerck, G.;
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 31 -32

[Abstract]   [PDF Full-Text (168 KB)] **IEEE CNF**

---

### 5 Negative conductance model for short-channel SOI MOSFET

Lai, J.C.; Fabian, T.; Liu, S.T.;
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 25 -26

[Abstract]   [PDF Full-Text (96 KB)] **IEEE CNF**

---

### 6 A simple model to predict the holding voltage for SOI MOSFETs operating in the latch state

McDaid, L.J.; Hall, S.; Marsland, J.S.; Eccleston, W.; Alderman, J.C.;
Cook, K.R.; Bunyan, R.J.; Uren, M.J.;
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 19 -20

[Abstract]   [PDF Full-Text (108 KB)] **IEEE CNF**

---

### 7 The effect of high field stress on the capacitance/voltage characteristics of buried insulators formed by oxygen implantation

Hurley, P.K.; Hall, S.; Eccleston, W.; Alderman, J.C.;
SOS/SOI Technology Conference, 1990., 1990 IEEE , 2-4 Oct. 1990
Page(s): 160 -161

[Abstract]   [PDF Full-Text (108 KB)] **IEEE CNF**

---

### 8 Device performance analysis using Monte-Carlo simulator for SOI MOS transistors on solid-phase-recrystallized silicon films

Kambayashi, S.; Mizushima, I.; Kemmochi, M.; Kawaguchi, H.;
Shima, S.; Kuwano, H.; Onga, S.; Matsunaga, J.;
VLSI Technology, 1990. Digest of Technical Papers.1990 Symposium
on , 4-7 June 1990
Page(s): 109 -110

[Abstract]   [PDF Full-Text (148 KB)] **IEEE CNF**

---

### 9 Determination of back interface state distribution in fully

**depleted SOI MOSFETs**
*Mayer, D.C.; Cole, R.C.; Pollack, G.P.;*
Electron Devices Meeting, 1991. Technical Digest., International ,
8-11 Dec. 1991
Page(s): 329 -332

[Abstract]  [PDF Full-Text (276 KB)] **IEEE CNF**

---

10 **Investigation of series resistances, interface coupling and irradiation effects on the transconductance of fully-depleted SOI-MOSFETs**
*Ouisse, T.; Cristoloveanu, S.; Borel, G.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 50 -51

[Abstract]  [PDF Full-Text (116 KB)] **IEEE CNF**

---

11 **Parasitic bipolar transistor induced latch and degradation in SOI MOSFET's**
*Her, T.-D.; Liu, P.S.; Quon, D.S.; Li, G.P.; Kjar, R.; White, J.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 124 -125

[Abstract]  [PDF Full-Text (120 KB)] **IEEE CNF**

---

12 **Thermal time constants in SOI-MOSFETs**
*Berger, M.; Burbach, G.;*
SOI Conference, 1991. Proceedings., 1991 IEEE International , 1-3
Oct. 1991
Page(s): 24 -25

[Abstract]  [PDF Full-Text (100 KB)] **IEEE CNF**

---

13 **A novel organophosphorus pesticides sensitive EN-FET**
*Yuan Zhong Yi; Hong Mei; Wlodarski, W.B.; Ji Xing Song;*
Solid-State Sensors and Actuators, 1991. Digest of Technical Papers,
TRANSDUCERS '91., 1991 International Conference on , 24-27 June
1991
Page(s): 703 -705

[Abstract]  [PDF Full-Text (152 KB)] **IEEE CNF**

---

14 **Potential of SOI for analog and mixed analog-digital low-power applications**
*Colinge, J.P.; Eggermont, J.P.; Flandre, D.; Francis, P.; Jespers, P.G.A.;*
Solid-State Circuits Conference, 1995. Digest of Technical Papers. 42nd ISSCC, 1995 IEEE International , 15-17 Feb. 1995
Page(s): 194 -195, 366

[Abstract]   [PDF Full-Text (600 KB)] **IEEE CNF**

15 **The HgFET: a new characterization tool for SOI silicon film properties**
*Hovel, H.J.;*
SOI Conference, 1997. Proceedings., 1997 IEEE International , 6-9 Oct. 1997
Page(s): 180 -181

[Abstract]   [PDF Full-Text (144 KB)] **IEEE CNF**

16 **JFET/SOS devices: processing and gamma radiation effects**
*Nie Jiping; Liu Zhongli; He Zhijing; Yu Fang; Li Guohua;*
Solid-State and Integrated Circuit Technology, 1998. Proceedings. 1998 5th International Conference on , 21-23 Oct. 1998
Page(s): 67 -70

[Abstract]   [PDF Full-Text (168 KB)] **IEEE CNF**

17 **Partial SOI LDMOSFETs for high-side switching**
*Lim, H.T.; Udrea, F.; Garner, D.M.; Sheng, K.; Milne, W.I.;*
Semiconductor Conference, 1999. CAS '99 Proceedings. 1999 International , Volume: 1 , 5-9 Oct. 1999
Page(s): 149 -152 vol.1

[Abstract]   [PDF Full-Text (352 KB)] **IEEE CNF**

18 **0.5-1 V 2 GHz RF front-end circuits in CMOS/SIMOX**
*Harada, M.; Tsukahara, T.; Yamada, J.;*
Solid-State Circuits Conference, 2000. Digest of Technical Papers. ISSCC. 2000 IEEE International , 7-9 Feb. 2000
Page(s): 378 -379, 471

[Abstract]   [PDF Full-Text (298 KB)] **IEEE CNF**

19 **The state of the art in interconnect simulation**
*Sabelka, R.; Harlander, C.; Selberherr, S.;*

Simulation of Semiconductor Processes and Devices, 2000. SISPAD 2000. 2000 International Conference on , 6-8 Sept. 2000
Page(s): 6 -11

[Abstract]   [PDF Full-Text (644 KB)] **IEEE CNF**

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20 **A 900 MHz 2.25 MB cache with on-chip CPU now in Cu SOI**
*Hill, J.M.; Lachman, J.;*
Solid-State Circuits Conference, 2001. Digest of Technical Papers. ISSCC. 2001 IEEE International , 5-7 Feb. 2001
Page(s): 176 -177, 444

[Abstract]   [PDF Full-Text (192 KB)] **IEEE CNF**

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21 **Student-designed Bluetooth radio in silicon-on-sapphire**
*Kuhn, W.B.;*
Radio Frequency Integrated Circuits (RFIC) Symposium, 2001. Digest of Papers. 2001 IEEE , 20-22 May 2001
Page(s): 107 -110

[Abstract]   [PDF Full-Text (356 KB)] **IEEE CNF**

---

22 **n channel SOI Schottky barrier tunneling transistors**
*Xiaoyan Liu; Kui Luo; Gang Du; Lei Sun; Jinfeng Kang; Ruqi Han;*
Solid-State and Integrated-Circuit Technology, 2001. Proceedings. 6th International Conference on , Volume: 1 , 22-25 Oct. 2001
Page(s): 562 -565 vol.1

[Abstract]   [PDF Full-Text (176 KB)] **IEEE CNF**

---

23 **Effects of sub-gate bias on the operation of Schottky-barrier SOI MOSFETs having nano-scale channel**
*Horng-Chih Lin; Meng-Fan Wang; Fu-Ju Hou; Jan-Tsai Liu; Yiming Li; Tiao-Yuan Huang; Sze, S.M.;*
Nanotechnology, 2002. IEEE-NANO 2002. Proceedings of the 2002 2nd IEEE Conference on , 26-28 Aug. 2002
Page(s): 205 -208

[Abstract]   [PDF Full-Text (280 KB)] **IEEE CNF**

---

24 **Bulk contribution to resonant second-harmonic generation at Si-SiO/sub 2/ interfaces**
*Yongqiang An; Cundiff, S.T.;*
Quantum Electronics and Laser Science Conference, 2002. QELS '02. Technical Digest. Summaries of Papers Presented at the , 19-24 May

2002
Page(s): 148 -149

[Abstract]   [PDF Full-Text (286 KB)] **IEEE CNF**

---

25 **Nano-scale implantless Schottky-barrier SOI FinFETs with excellent ambipolar performance**
*Horng-Chih Lin; Meng-Fan Wang; Fu-Ju Hou; Jan-Tsai Liu; Fu-Hsiang Ko; Hsuen-Li Chen; Guo-Wei Huang; Tiao-Yuan Huang; Sze, S.M.;*
Device Research Conference, 2002. 60th DRC. Conference Digest ,
24-26 June 2002
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[Abstract]   [PDF Full-Text (231 KB)] **IEEE CNF**

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1 **Asynchronous datapath with software-controlled on-chip
adaptive voltage scaling for multirate signal processing
applications**
*Li, Y.W.; Patounakis, G.; Jose, A.; Shepard, K.L.; Nowick, S.M.;*
Asynchronous Circuits and Systems, 2003. Proceedings. Ninth
International Symposium on , May 12-15, 2003
Page(s): 216 -225

[Abstract]   [PDF Full-Text (2330 KB)] **IEEE CNF**

---

2 **Implicit treatment of substrate and power-ground losses in
return-limited inductance extraction**
*Sitaram, D.; Yu Zheng; Shepard, K.L.;*
Computer Aided Design, 2002. ICCAD 2002. IEEE/ACM International
Conference on , 10-14 Nov. 2002
Page(s): 16 -22

[Abstract]   [PDF Full-Text (736 KB)] **IEEE CNF**

---

3 **Static noise analysis for digital integrated circuits in
partially depleted silicon-on-insulator technology**
*Chan, S.C.; Shepard, K.L.; Dae-Jin Kim;*
Computer-Aided Design of Integrated Circuits and Systems, IEEE
Transactions on , Volume: 21 Issue: 8 , Aug. 2002
Page(s): 916 -927

[Abstract]   [PDF Full-Text (381 KB)] **IEEE JNL**

---

4 **CAD issues for CMOS VLSI design in SOI**
*Shepard, K.L.;*
Quality Electronic Design, 2001 International Symposium on , 26-28
March 2001
Page(s): 105 -110

[Abstract]   [PDF Full-Text (561 KB)] **IEEE CNF**

---

5 **On-chip oscilloscopes for noninvasive time-domain**

●           ●

**measurement of waveforms**
*Shepard, K.L.; Zheng, Y.;*
Computer Design, 2001. ICCD 2001. Proceedings. 2001 International
Conference on , 23-26 Sept. 2001
Page(s): 221 -226

[Abstract]   [PDF Full-Text (448 KB)] **IEEE CNF**

---

6 **Practical considerations in RLCK crosstalk analysis for digital integrated circuits**
*Chan, S.C.; Shepard, K.L.;*
Computer Aided Design, 2001. ICCAD 2001. IEEE/ACM International
Conference on , 4-8 Nov. 2001
Page(s): 598 -604

[Abstract]   [PDF Full-Text (590 KB)] **IEEE CNF**

---

7 **Body-voltage estimation in digital PD-SOI circuits and its application to static timing analysis**
*Shepard, K.L.; Dae-Jin Kim;*
Computer-Aided Design of Integrated Circuits and Systems, IEEE
Transactions on , Volume: 20 Issue: 7 , July 2001
Page(s): 888 -901

[Abstract]   [PDF Full-Text (308 KB)] **IEEE JNL**

---

8 **Full-chip, three-dimensional, shapes-based RLC extraction**
*Shepard, K.L.; Sitaram, D.; Yu Zheng;*
Computer Aided Design, 2000. ICCAD-2000. IEEE/ACM International
Conference on , 5-9 Nov. 2000
Page(s): 142 -149

[Abstract]   [PDF Full-Text (748 KB)] **IEEE CNF**

---

9 **Cell characterization for noise stability**
*Shepard, K.L.; Chou, K.;*
Custom Integrated Circuits Conference, 2000. CICC. Proceedings of
the IEEE 2000 , 21-24 May 2000
Page(s): 91 -94

[Abstract]   [PDF Full-Text (348 KB)] **IEEE CNF**

---

10 **Static noise analysis for digital integrated circuits in partially-depleted silicon-on-insulator technology**
*Shepard, K.L.; Dae-Jin Kim;*
Design Automation Conference, 2000. Proceedings 2000. 37th , June
5-9, 2000
Page(s): 239 -242

[Abstract]   [PDF Full-Text (396 KB)] **IEEE CNF**

11 **Return-limited inductances: a practical approach to on-chip inductance extraction**
*Shepard, K.L.; Zhong Tian;*
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 19 Issue: 4 , April 2000
Page(s): 425 -436

[Abstract]   [PDF Full-Text (476 KB)] **IEEE JNL**

12 **Return-limited inductances: a practical approach to on-chip inductance extraction**
*Shepard, K.L.; Tian, Z.;*
Custom Integrated Circuits, 1999. Proceedings of the IEEE 1999 , 16-19 May 1999
Page(s): 453 -456

[Abstract]   [PDF Full-Text (404 KB)] **IEEE CNF**

13 **Body-voltage estimation in digital PD-SOI circuits and its application to static timing analysis**
*Shepard, K.L.; Dae-Jin Kim;*
Computer-Aided Design, 1999. Digest of Technical Papers. 1999 IEEE/ACM International Conference on , 7-11 Nov. 1999
Page(s): 531 -538

[Abstract]   [PDF Full-Text (772 KB)] **IEEE CNF**

14 **Harmony: static noise analysis of deep submicron digital integrated circuits**
*Shepard, K.L.; Narayanan, V.; Rose, R.;*
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 18 Issue: 8 , Aug. 1999
Page(s): 1132 -1150

[Abstract]   [PDF Full-Text (404 KB)] **IEEE JNL**

15 **Design methodologies for noise in digital integrated circuits**

*Shepard, K.L.;*
Design Automation Conference, 1998. Proceedings , 15-19 June 1998

Page(s): 94 -99

[Abstract]   [PDF Full-Text (568 KB)] **IEEE CNF**

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16 **The challenge of high-performance, deep-submicron design in a turnkey ASIC environment**
*Shepard, K.L.;*
ASIC Conference 1998. Proceedings. Eleventh Annual IEEE International , 13-16 Sept. 1998
Page(s): 183 -186

[Abstract]   [PDF Full-Text (328 KB)] **IEEE CNF**

---

17 **Conquering noise in deep-submicron digital ICs**
*Shepard, K.L.; Narayanan, V.;*
Design & Test of Computers, IEEE , Volume: 15 Issue: 1 , Jan.-March 1998
Page(s): 51 -62

[Abstract]   [PDF Full-Text (156 KB)] **IEEE JNL**

---

18 **A 400 MHz S/390 microprocessor**
*Webb, C.F.; Anderson, C.J.; Sigal, L.; Shepard, K.L.; Liptay, J.S.; Warnock, J.D.; Curran, B.; Krumm, B.W.; Mayo, M.D.; Camporese, P.J.; Schwarz, E.M.; Farrell, M.S.; Restle, P.J.; Averill, R.M., III; Siegel, T.J.; Huott, W.V.; Chan, Y.H.; Wile, B.; Emma,*
Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 IEEE International , 6-8 Feb. 1997
Page(s): 168 -169, 449

[Abstract]   [PDF Full-Text (1120 KB)] **IEEE CNF**

---

19 **Global Harmony: coupled noise analysis for full-chip RC interconnect networks**
*Shepard, K.L.; Narayanan, V.; Elmendorf, P.C.; Zheng, G.;*
Computer-Aided Design, 1997. Digest of Technical Papers., 1997 IEEE/ACM International Conference on , 9-13 Nov. 1997
Page(s): 139 -146

[Abstract]   [PDF Full-Text (636 KB)] **IEEE CNF**

---

20 **Design methodology for the high-performance G4 S/390 microprocessor**
*Shepard, K.L.; Carey, S.; Beece, D.K.; Hatch, R.; Northrop, G.;*
Computer Design: VLSI in Computers and Processors, 1997. ICCD
'97. Proceedings., 1997 IEEE International Conference on , 12-15
Oct. 1997
Page(s): 232 -240

[Abstract]   [PDF Full-Text (1028 KB)] **IEEE CNF**

---

21 **Practical issues of interconnect analysis in deep submicron integrated circuits**
*Shepard, K.L.;*
Computer Design: VLSI in Computers and Processors, 1997. ICCD
'97. Proceedings., 1997 IEEE International Conference on , 12-15
Oct. 1997
Page(s): 532 -541

[Abstract]   [PDF Full-Text (1252 KB)] **IEEE CNF**

---

22 **A 400-MHz S/390 microprocessor**
*Webb, C.F.; Anderson, C.J.; Sigal, L.; Shepard, K.L.; Liptay, J.S.;*
*Warnock, J.D.; Curran, B.; Krumm, B.W.; Mayo, M.D.; Camporese,*
*P.J.; Schwarz, E.M.; Farrell, M.S.; Restle, P.J.; Averill, R.M., III;*
*Slegel, T.J.; Houtt, W.V.; Chan, Y.H.; Wile, B.; Nguye*
Solid-State Circuits, IEEE Journal of , Volume: 32 Issue: 11 , Nov.
1997
Page(s): 1665 -1675

[Abstract]   [PDF Full-Text (224 KB)] **IEEE JNL**

---

23 **Noise in deep submicron digital design**
*Shepard, K.L.; Narayanan, V.;*
Computer-Aided Design, 1996. ICCAD-96. Digest of Technical
Papers., 1996 IEEE/ACM International Conference on , 10-14 Nov.
1996
Page(s): 524 -531

[Abstract]   [PDF Full-Text (764 KB)] **IEEE CNF**

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*Joonho Gil; Minkyu Je; Jongho Lee; Hyungcheol Shin;*
Low Power Electronics and Design, 1998. Proceedings. 1998 International Symposium on , 10-12 Aug. 1998
Page(s): 59 -63

[Abstract]   [PDF Full-Text (380 KB)] **IEEE CNF**

---

2 **Simulation of SOI devices and circuits using BSIM3SOI**
*Sinitsky, D.; Tang, S.; Jangity, A.; Assaderaghi, F.; Shahidi, G.; Chenming Hu;*
Electron Device Letters, IEEE , Volume: 19 Issue: 9 , Sept. 1998
Page(s): 323 -325

[Abstract]   [PDF Full-Text (92 KB)] **IEEE JNL**

---

3 **Simulation Of Floating Body Effect In SOI Circuits Using BSIM3SOI**
*Tu, R.; Sinitsky, D.; Assaderaghi, F.; Wann, C.; Hu, C.;*
VLSI Technology, Systems, and Applications, 1997. Proceedings of Technical Papers. 1997 International Symposium on , June 3-5, 1997

Page(s): 339 -342

[Abstract]   [PDF Full-Text (244 KB)] **IEEE CNF**

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1 **Soft computing-based robust contact/non-contact detection during serving a drink task**
*Haiying She; Martens, C.; Graser, A.; Dae-Jin Kim; Hyong-Euk Lee; Zeungnam Bien;*
Fuzzy Systems, 2003. FUZZ '03. The 12th IEEE International Conference on , Volume: 1 , May 25- 28, 2003
Page(s): 613 -617

[Abstract]   [PDF Full-Text (397 KB)] **IEEE CNF**

---

2 **Multisensors-based approach for intention reading with soft computing techniques**
*Zeungnam Bien; Dae-Jin Kim; Hyong-Euk Lee; Kwang-Hyun Park; Haiying She; Martens, C.; Graser, A.;*
Fuzzy Systems, 2003. FUZZ '03. The 12th IEEE International Conference on , Volume: 1 , May 25- 28, 2003
Page(s): 596 -600

[Abstract]   [PDF Full-Text (439 KB)] **IEEE CNF**

---

3 **Opto-VLSI 4G MCS for ultra-high speed digital image transmission**
*Mike Myung-Ok Lee; Seung-Min Lee; Eshraghian, K.; Dae-Jin Kim; Chil-Woo Lee;*
Telecommunications, 2003. ICT 2003. 10th International Conference on , Volume: 2 , Feb 23 - Mar 1, 2003
Page(s): 1670 -1674

[Abstract]   [PDF Full-Text (478 KB)] **IEEE CNF**

---

4 **Fast equalization techniques based on Kalman algorithms for mobile multimedia services in terrestrial DTV network**
*Young Ho Oh; Sung Woo Park; Dae Jin Kim; Sung-Hoon Kim; Lee, M.M.-O.;*
High Speed Networks and Multimedia Communications 5th IEEE International Conference on , 3-5 July 2002
Page(s): 329 -331

[Abstract]   [PDF Full-Text (326 KB)] **IEEE CNF**

---

5 **Fast equalization techniques based on Kalman algorithms to improve mobile reception performance of 8-VSB receivers**
*Dae Jin Kim; Sung Woo Park; Young Ho Oh; Sung-Hoon Kim;*
Consumer Electronics, 2002. ICCE. 2002 Digest of Technical Papers.
International Conference on , 18-20 June 2002
Page(s): 286 -287

[Abstract]   [PDF Full-Text (286 KB)] **IEEE CNF**

---

6 **Static noise analysis for digital integrated circuits in partially depleted silicon-on-insulator technology**
*Chan, S.C.; Shepard, K.L.; Dae-Jin Kim;*
Computer-Aided Design of Integrated Circuits and Systems, IEEE
Transactions on , Volume: 21 Issue: 8 , Aug. 2002
Page(s): 916 -927

[Abstract]   [PDF Full-Text (381 KB)] **IEEE JNL**

---

7 **Equalization techniques based on fast RLS algorithms to improve mobile reception performance of 8-VSB receivers**
*Young Ho Oh; Sung Woo Park; SeongJoon Baek; Dae Jin Kim;*
Consumer Electronics, IEEE Transactions on , Volume: 48 Issue: 3 ,
Aug. 2002
Page(s): 596 -601

[Abstract]   [PDF Full-Text (621 KB)] **IEEE JNL**

---

8 **Visual servoing for a user's mouth with effective intention reading in a wheelchair-based robotic arm**
*Won-Kyung Song; Dae-Jin Kim; Jong-Sung Kim; Zeungnam Bien;*
Robotics and Automation, 2001. Proceedings 2001 ICRA. IEEE
International Conference on , Volume: 4 , 2001
Page(s): 3662 -3667 vol.4

[Abstract]   [PDF Full-Text (608 KB)] **IEEE CNF**

---

9 **Effective intention reading technique as a means of human-robot interaction for human centered systems**
*Dae-Jin Kim; Won-Kyung Song; Jeong-Su Han; Zeungnam Bien;*
Fuzzy Systems, 2001. The 10th IEEE International Conference on ,
Volume: 3 , 2-5 Dec. 2001
Page(s): 1195 -1198

[Abstract]   [PDF Full-Text (565 KB)] **IEEE CNF**

---

10 **VLSI design and architecture of a VC-Merge capable crossbar switch on MPLS over ATM**

Young-Chul Kim; Lee, M.M.-O.; Dae-Jin Kim;
ASIC, 2001. Proceedings. 4th International Conference on , 23-25
Oct. 2001
Page(s): 440 -443

[Abstract]   [PDF Full-Text (449 KB)] **IEEE CNF**

---

11 **Body-voltage estimation in digital PD-SOI circuits and its application to static timing analysis**
Shepard, K.L.; Dae-Jin Kim;
Computer-Aided Design of Integrated Circuits and Systems, IEEE
Transactions on , Volume: 20 Issue: 7 , July 2001
Page(s): 888 -901

[Abstract]   [PDF Full-Text (308 KB)] **IEEE JNL**

---

12 **A new upstream channel structure for asymmetric LMDS with CDMA**
Byung Lok Cho; Hyung Rae Lim; Jae Chul Song; Dae Jin Kim;
Vehicular Technology Conference Proceedings, 2000. VTC
2000-Spring Tokyo. 2000 IEEE 51st , Volume: 2 , 15-18 May 2000
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[Abstract]   [PDF Full-Text (328 KB)] **IEEE CNF**

---

13 **Static noise analysis for digital integrated circuits in partially-depleted silicon-on-insulator technology**
Shepard, K.L.; Dae-Jin Kim;
Design Automation Conference, 2000. Proceedings 2000. 37th , June
5-9, 2000
Page(s): 239 -242

[Abstract]   [PDF Full-Text (396 KB)] **IEEE CNF**

---

14 **Timing-offset independent equalization techniques for robust indoor reception of ATSC DTV receivers**
Dae Jin Kim; Sung Woo Park; Young Han Kim; Won-Sik Yoon;
Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers.
International Conference on , 13-15 June 2000
Page(s): 44 -45

[Abstract]   [PDF Full-Text (264 KB)] **IEEE CNF**

---

15 **Timing-offset independent equalization techniques for robust indoor reception of ATSC DTV receivers**
Dae Jin Kim; Sung Woo Park; Young Han Kim; Won-Sik Yoon;
Consumer Electronics, IEEE Transactions on , Volume: 46 Issue: 3 ,
Aug. 2000
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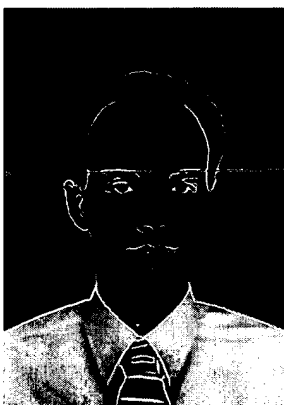| "kenneth shepard" | | Google Search | <u>Search within results</u>

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Ken Shepard received the B. S. E. degree from Princeton University, Princeton, NJ, in 1987 where he was valedictorian of his graduating class and received the Phi Beta Kappa prize for the highest academic standing. He went on to receive the M. S. and Ph. D. degrees in electrical engineering with a minor in physics from Stanford University, Stanford, CA, in 1988 and 1992, respectively, on a fellowship from the Fannie and John Hertz Foundation. His Ph. D. research, also funded by a special "Creativity in Engineering" grant from the National Science Foundation, focussed on the physics of nanoscale devices. He was awarded the Hertz Foundation doctoral thesis prize in 1992, given each year to the best Ph. D. thesis from among Hertz Fellows.

In 1992, he became a Research Staff Member in the VLSI Design Department at the IBM T. J. Watson Research Center, Yorktown Heights, NY and was promoted to Manager in 1996. At IBM, he was responsible for the design methodology for IBM's first high-performance microprocessors for the S/390 mainframe (Alliance project). This design methodology became the basis for subsequent microprocessor designs at IBM. He received IBM Research Division Awards in 1995 and 1997 for his contributions to the Alliance project team.

In 1997, he joined Columbia University, where he is now Associate Professor. At the same time, he co-founded CadMOS Design Technology, an EDA start-up which pioneered PacifIC and CeltIC, the first tools for large-scale signal integrity analysis of digital integrated circuits. The success of these tools led Cadence to acquire CadMOS in 2001.

Current research interests include design tools for advanced CMOS technology, including the CAD work in SOI circuits and extraction approaches for inductance that are being commercialized by

Cadence. Professor Shepard and his students are also working on on-chip test and measurement circuitry including on-chip sampling oscilloscopes, low-power design techniques for digital signal processing, circuits for low-power intrachip communications, and CMOS gene chips. He received the National Science Foundation CAREER Award in 1998, the Distinguished Faculty Teaching Award from the Columbia Engineering School in 1999, a Best Paper Award at the 2001 International Conference on Computer Design, best paper runner-up at the 2003 International Symposium on Asynchronous Circuits, and a winning entry in the 2003 ISLPED Low-Power Design Contest.

Professor Shepard is program chair for the 2002 International Conference on Computer Design (ICCD) and general chair of the 2003 ICCD. He was program chair of ISQED 2002 and conference co-chair of ISQED 2003 and has served on the program committees of DAC, ICCD, ICCAD, GLS-VLSI, ISQED, and Tau. He was Associate Editor of IEEE Transactions on VLSI from 1998-2001.

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# Research Activities

**Please see my group website.**

*Prospective graduate students interested in research or teaching assistantships in my group may contact me in addition to visiting the graduate admissions web site.*

A list of my publications can be found here.

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# Teaching

- EE E3106. Solid State Materials and Devices Fall, 1997
- EE E3201. Circuit Analysis Fall, 1997
- EE E4321. VLSI Circuits Fall, 1999 Fall, 2002
- EE E4332. VLSI Design Lab Spring, 1999 Spring, 2000
- EE E4340. Computer Hardware Design Spring, 1999
- EE E6930. Advanced Digital Integrated Circuits Spring, 2001

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